

FIG. 1A

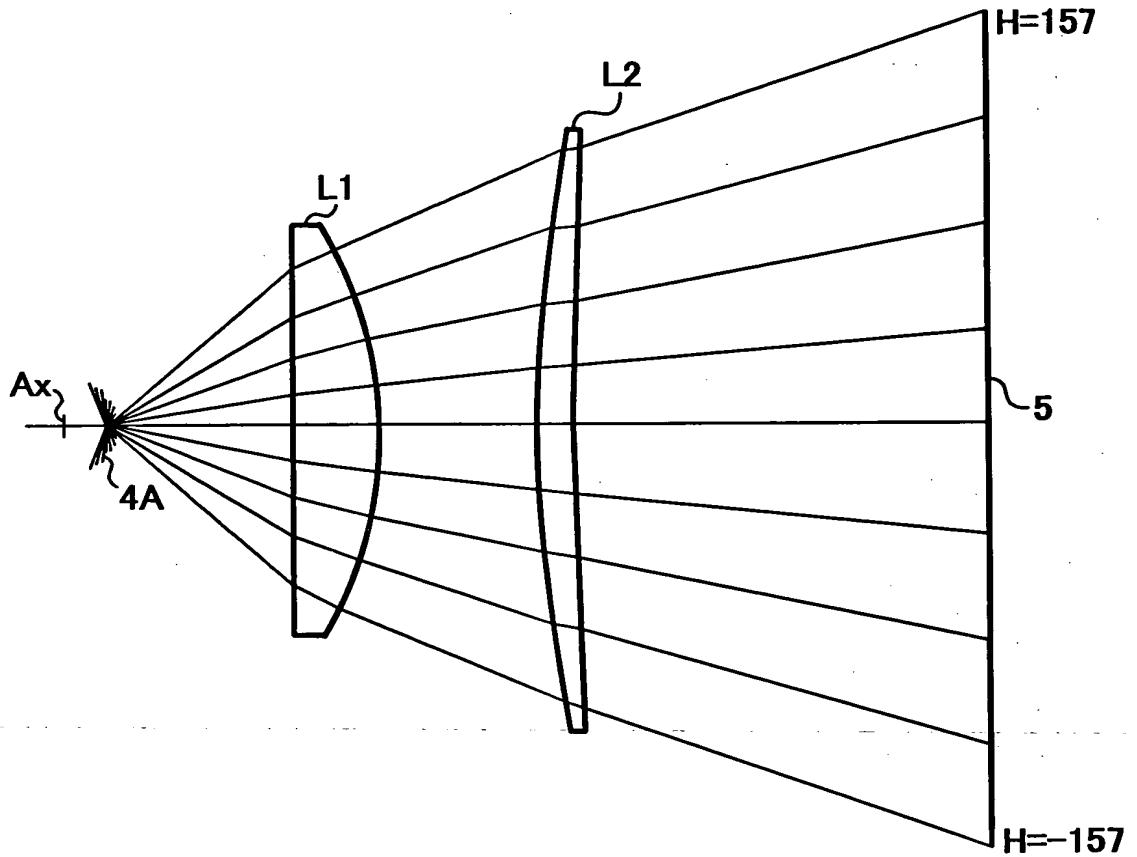


FIG. 1B

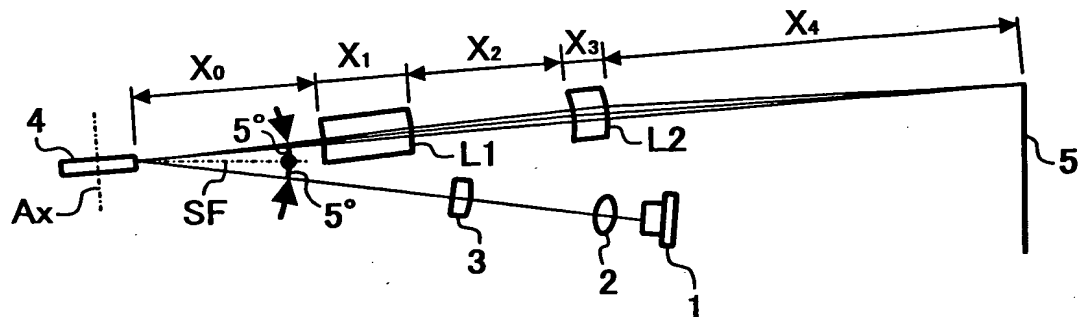


FIG. 2

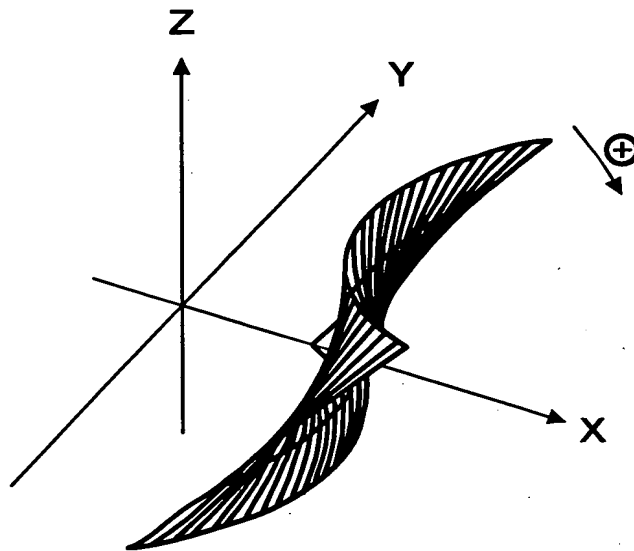


FIG. 3

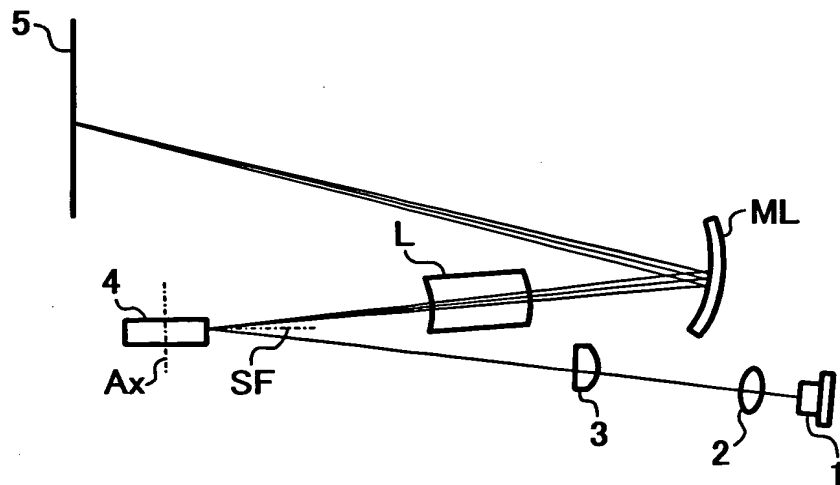


FIG. 4

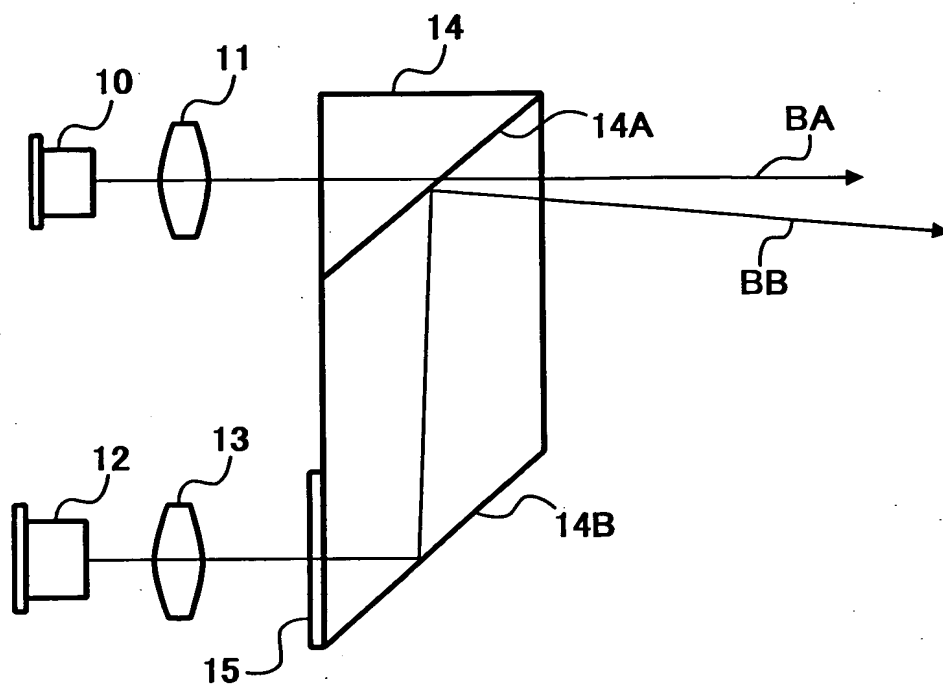


FIG. 5

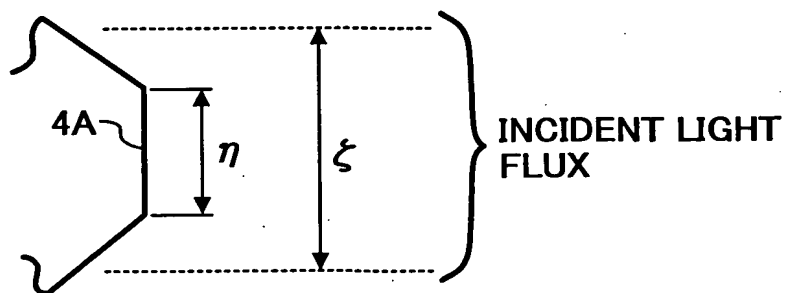
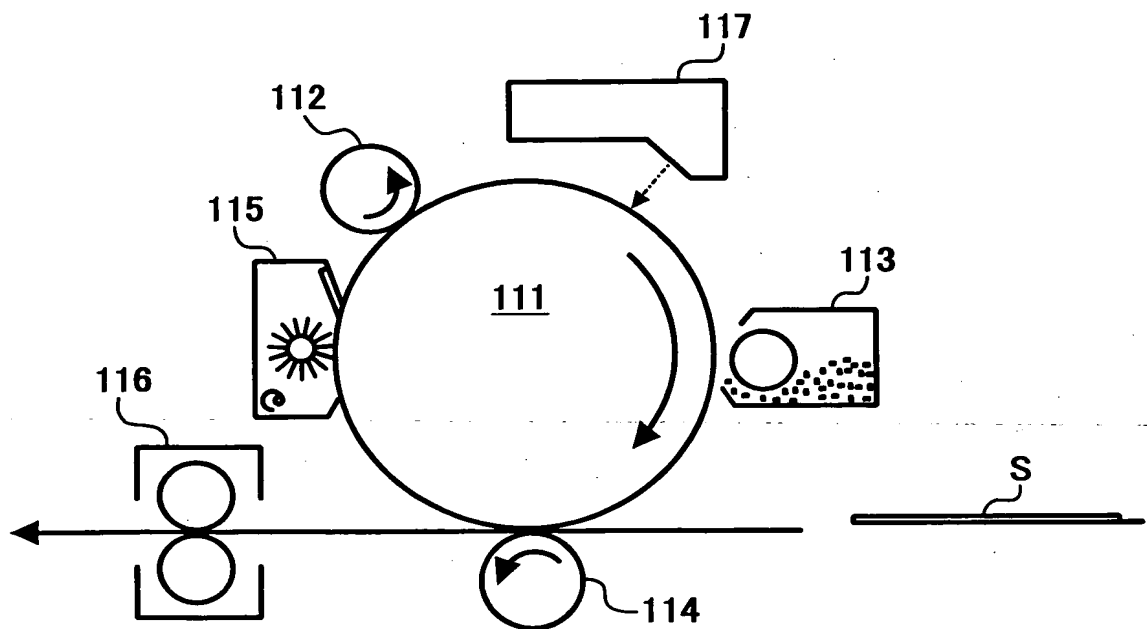


FIG. 6



Y=156.8mm
 FIG. 7A

SOLID LINE:
 SUB-SCANNING
 CURVATURE OF FIELD
 0.17mm

DOTTED LINE:
 MAIN SCANNING
 CURVATURE OF FIELD
 0.12mm

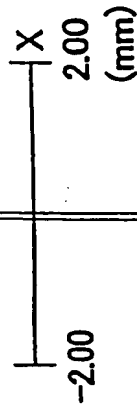


FIG. 7B

SCANNING LINE
 CURVATURE 0.09mm



FIG. 7C

$f\theta$
 CHARACTERISTIC
 0.2%

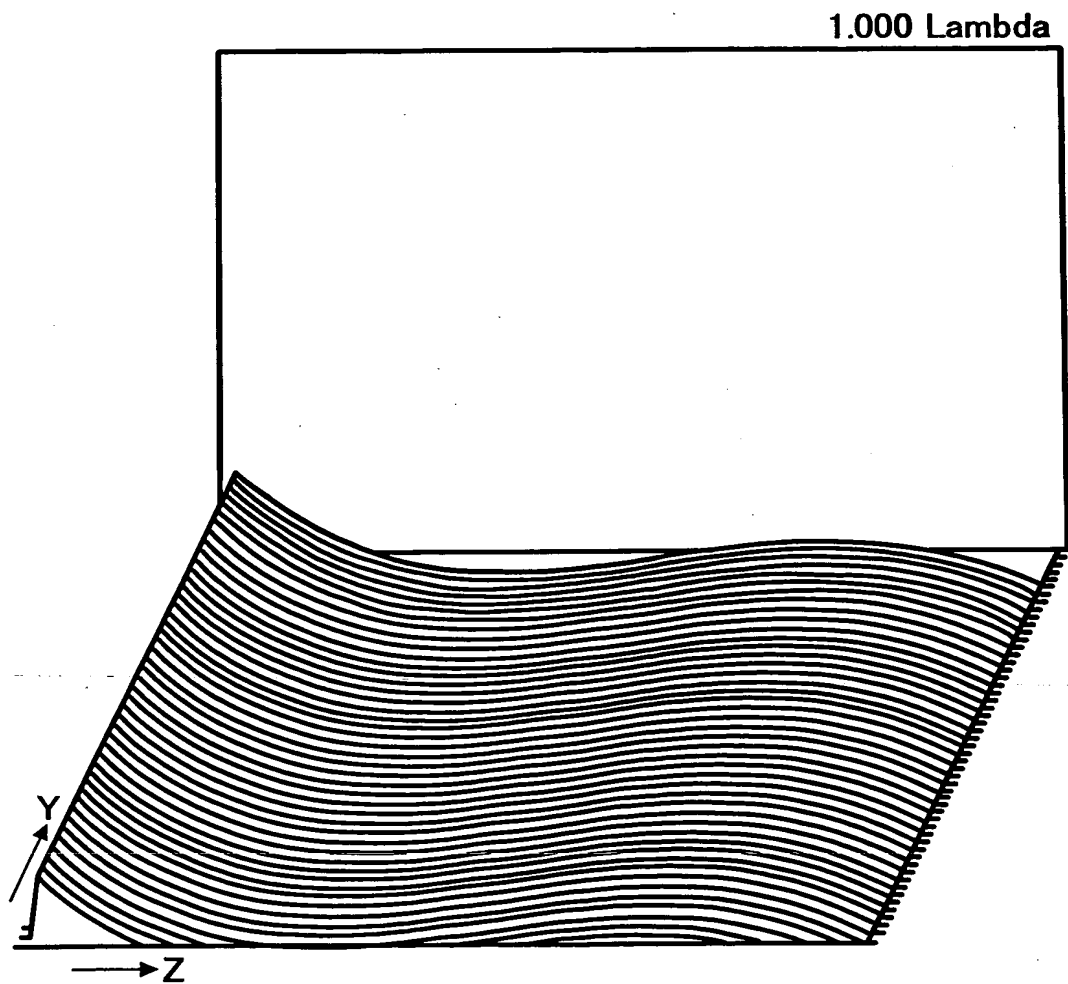


CURVATURE
 OF
 FIELD

SCANNING LINE
 CURVATURE

$f\theta$
 CHARACTERISTIC

FIG. 8



RMS=0.04335

P-V=0.29069

FIG. 9

OPTICAL
SPOT
DIAMETER
[μm]

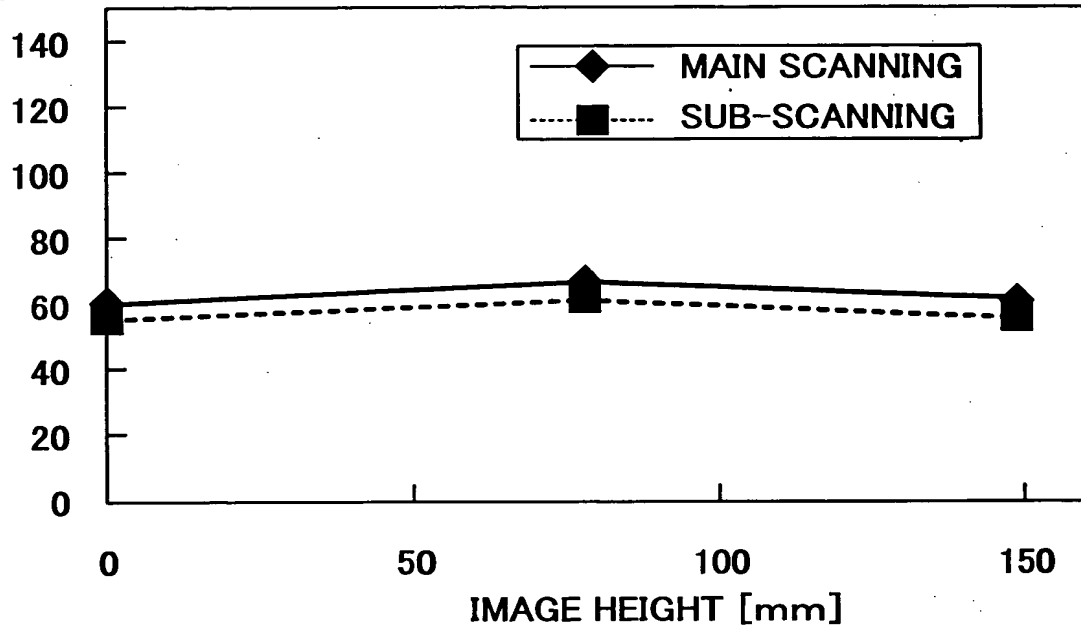


FIG. 10

MAGNIFICATION
RATIO
(β_h/β_o)

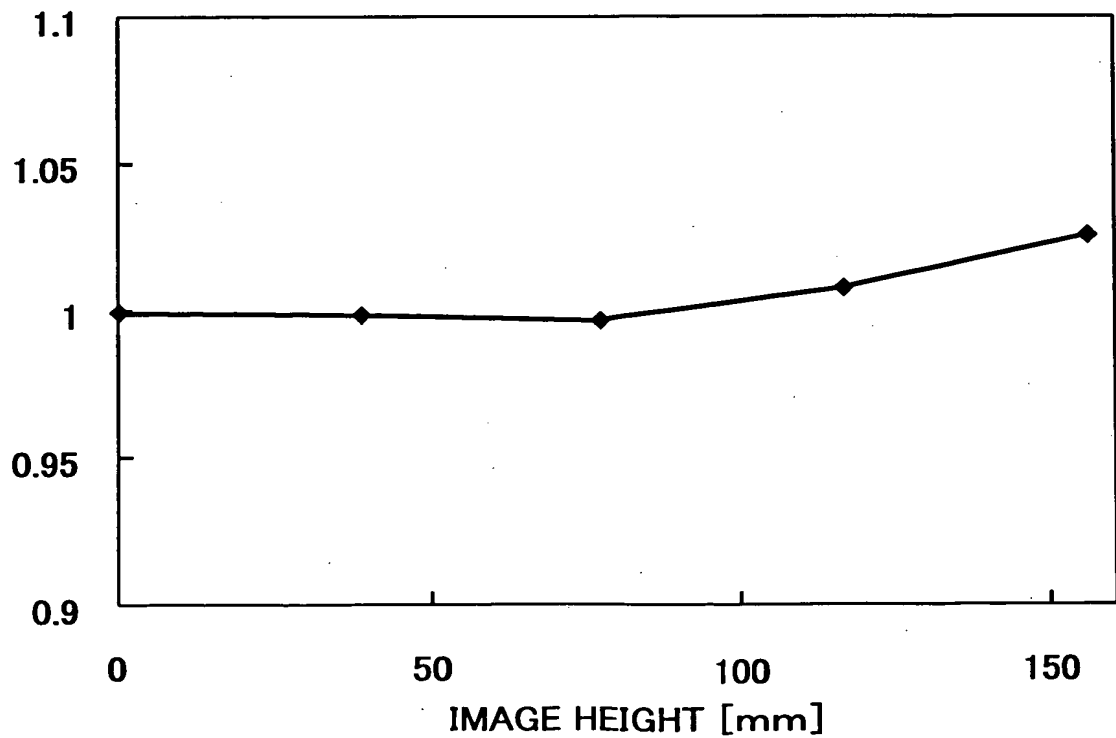


FIG. 11A

FIG. 11B

FIG. 11C

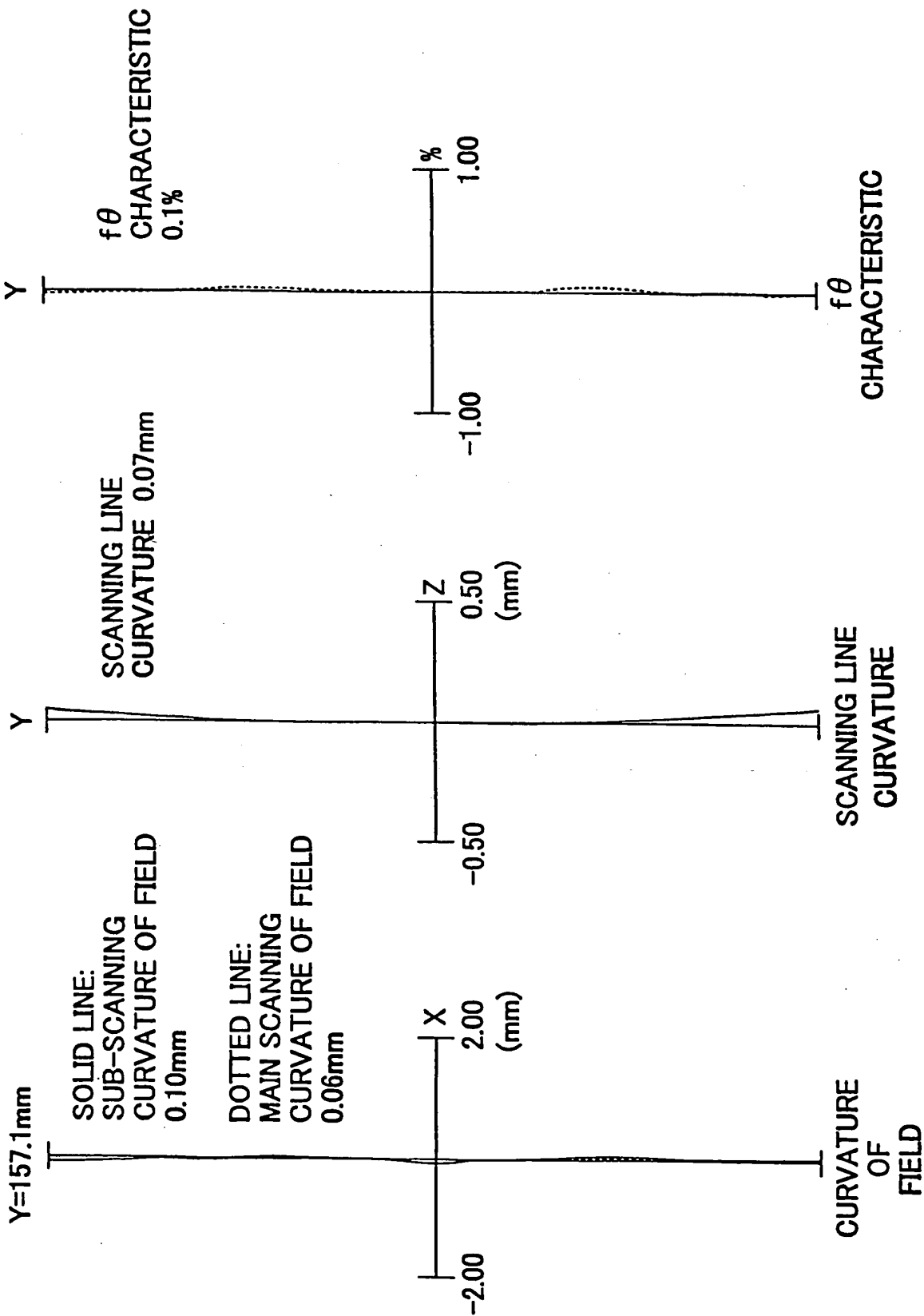
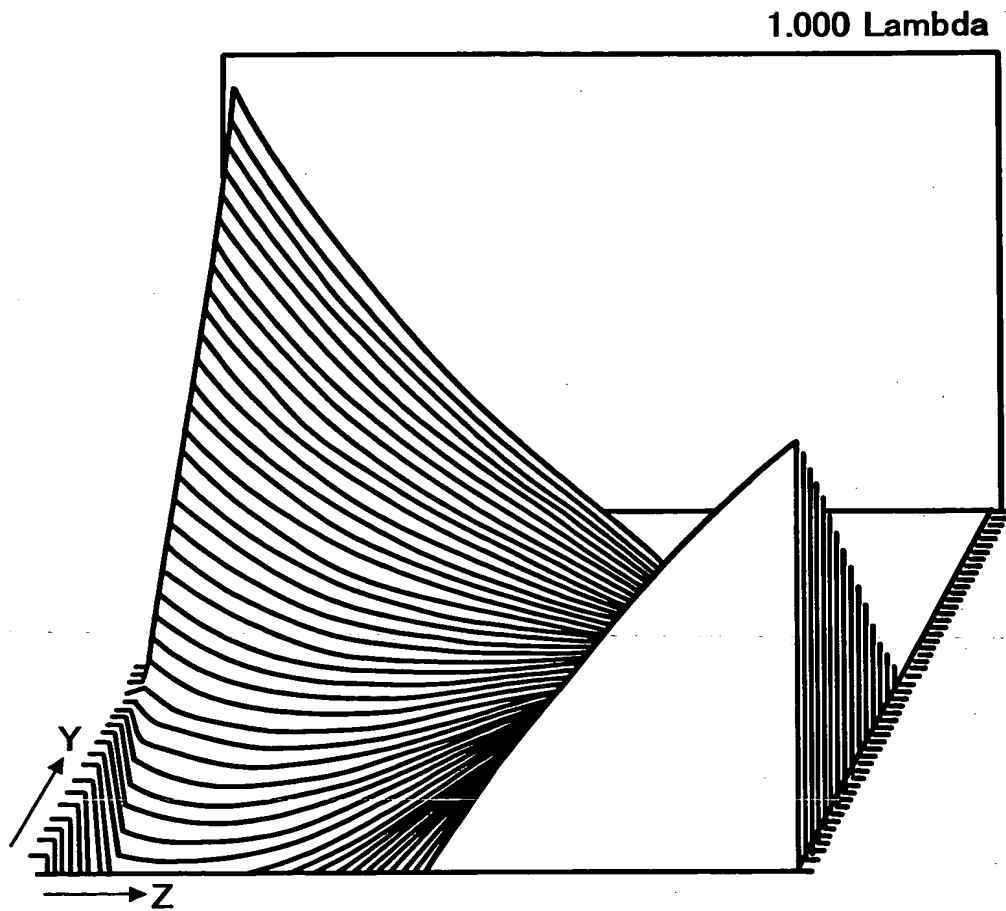


FIG. 12



RMS=0.31982 P-M=1.83666